

Geographic Information Systems

Certificate

This degree map is based on the 2023-24 Academic Catalog and is subject to change. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward degree completion. The time it takes to earn a degree will vary based on several factors including summer/winter enrollment, dual enrollment and number of courses successfully completed each semester. We recommend taking a minimum of 15 credits each fall and spring semester.

Sample 4-Year Plan

First Year			
Fall Courses	Credits	Spring Courses	Credits
Semester Total		Semester Total	

Second Year			
Fall Courses	Credits	Spring Courses	Credits
EGGS 242 Mapping and GIS Fundamentals	3		
Semester Total	3	Semester Total	

Third Year			
Fall Courses	Credits	Spring Courses	Credits
EGGS 360 Principles of GIS I	3	EGGS 361 Principles of GIS II	3
Semester Total	3	Semester Total	3

Fourth Year			
Fall Courses	Credits	Spring Courses	Credits
Elective	3		
Semester Total	3	Semester Total	

Winter/Summer College - Optional

While not required, Winter and Summer sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College and up to 14 credits during Summer College.

Curriculum Checklist

Required (9 credits)

- ☐ EGGS 242 Mapping and GIS Fundamentals (3)
- ☐ EGGS 360 Principles of GIS I (3)
- ☐ EGGS 361 Principles of GIS II (3)

Choose one of the following (3 credits)

- ☐ EGGS 275 Introduction to Surveying (3)
- ☐ EGGS 320 Remote Sensing of the Earth (3)
- ☐ EGGS 325 UAV Applications (3)
- ☐ EGGS 364 Digital Cartography (3)
- ☐ EGGS 410 Advanced Environmental Application of GIS (3)
- ☐ EGGS 440 Advanced Topics in GIS (3)